Title (en)
MONITORING OF FIELD DEVICES VIA A COMMUNICATION NETWORK

Title (de)
ÜBERWACHUNG VON FELDVORRICHTUNGEN ÜBER EIN KOMMUNIKATIONSNETZWERK

Title (fr)
SURVEILLANCE DE DISPOSITIFS DE TERRAIN PAR L'INTERMÉDIAIRE D'UN RÉSEAU DE COMMUNICATION

Publication
EP 3357198 B1 20220223 (EN)

Application
EP 16785589 A 20160929

Priority
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- US 201615064456 A 20160308
- US 2016054403 W 20160929

Abstract (en)
[origin: US2017090467A1] A system for monitoring field devices operating in process plants includes a remote terminal unit (RTU) coupled to several field devices, each configured to perform a respective function in a process plant, and a host disposed remotely from the RTU and coupled to the RTU via a communication network. The RTU includes (i) a first interface module configured to communicate according to a digital industrial automation protocol, via which the RTU receives data indicative of respective statuses of the field devices, (ii) a memory to store the received data, and (iii) a second interface module configured to communicate with remote hosts via a communication network. The host is configured to (i) request the statutes of the field devices and (ii) receive, from the RTU, indications of the status based on the data stored in the memory of the RTU.

IPC 8 full level
H04L 12/40 (2006.01)

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